

Instructions for Replacing Aspirated Shields:

Note: If you have any questions, please contact:
Mark Hall at (865) 607-1737,
Brent French at (865) 607-1359, or
Michael Black at (865) 607-1621.

Tools needed: 3/16" Allen Wrench

1. In order to indicate that the station is having maintenance performed, open the door of the datalogger box.



2. The shield that needs to be replaced is shield #_____ (this will be provided by ATDD personnel). The shields are in order with #1, furthest from the datalogger enclosure to the east; #2, in the center; #3 closest to the datalogger enclosure to the west.



View looking South.

3. Disconnect the power cable from the aspirated shield.



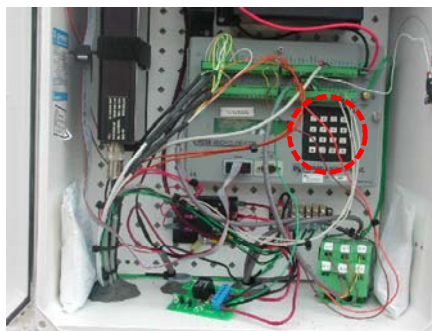
4. Disconnect the cylinder shaped portion of the shield from the upper part of the shield.



5. Disconnect the upper part of the shield from the 1" aluminum conduit, using a 3/16" Allen wrench to loosen the two screws.



6. Attach the replacement shield onto the 1" aluminum conduit screws using a 3/16" Allen wrench.
7. Reattach the cylinder shaped part of the aspirated shield.
8. Re-Attach the power cable to the aspirated shield.
9. In order to assure that the replacement shield is operating properly, key in listed combination for appropriate shield:
 ***6, 91,A, for shield #1**
 ***6, 92,A, for shield #2**
 ***6, 93,A, for shield #3**
on the datalogger keypad.



10. The value shown for the location should be between 105 and 120. If the value is within this range, **key in *0 on the datalogger keypad**, close and lock the door of the datalogger box. If there appears to be a problem, please contact one of the people listed above.
11. Ship the shield that was replaced to ATDD. A FedEx return label was included with the replacement shield.